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By ~~SECRET~~ Review

SERIAL NO. 07/409,512  
Page 5

The drawings stand objected to with respect to Figures 1 and 2. Applicant encloses herewith proposed drawing corrections with the proposed corrections indicated in red. The proposed drawing corrections are to Figure 1 and Figure 3. The Figure 1 drawing correction is as suggested by the Examiner. However, it is felt that the addition of lines "p" and "q" would be difficult in Figure 2 as it will be difficult to show the pitch and yaw directions on that drawing. However, applicant has proposed illustration of those pitch and yaw changes on Figure 3 and has also amended the specification at pages 6 and 7, lines 20 and 23 respectively to refer to Figure 3 rather than the previously referred to Figure 2. Therefore, it is submitted that the proposed drawing corrections meet the Patent Office requirements. Upon receipt of the approval of the proposed drawing corrections and a Notice of Allowance, applicant will prepare and file formal drawings incorporating these proposed drawing corrections.

The disclosure is objected to in Paragraph 3 because of a minor informality in the application. The informalities noted on page 9 have been corrected in the above amendment. This is believed to obviate all further objections to the disclosure in this matter.

Claims 1-3 are previously rejected under 35 U.S.C. 101 as the same invention in USSN 07/099130. It should be noted that the claims in the parent application are limited to

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Review  
**SECRET**

SERIAL NO. 07/409,512

Page 6

pitch and yaw inputs which are sine waves of different frequencies. The present claims are not so limited, thereby obviating the rejection.

Claim 1 stands variously rejected under 35 USC 102(b) as being anticipated by Willits et al (U.S. Patent 3,107,070 cited as Reference A) and/or Thomas et al (U.S. Patent 4,103,847 cited as Reference B) with Claims 2 and 3 rejected under 35 U.S.C. 102(b) over Thomas only. Applicant's claim 1, as well as claims 2 and 3, have been amended to recite the movable look direction of the receiver of the target sensing means and a means for controlling look direction. Further, it is noted that applicant's previously claimed guidance signal is dependent on the relative values of the differences between the first (central) portion and the respective side portions of the viewed scene. It is these differences in the signals between the viewed scenes which form the guidance signal in applicant's invention.

Willits requires a rotating optical disturbing device in order to provide his separate views of the scene. Thomas uses a slit aperture for scanning a scene through a particular scan sequence. Neither of the prior art references teach a target sensor which is responsive to reflected radiation where the sensor has a movable look direction and a means for controlling the look direction by variable pitch and yaw inputs.

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By License  
Review  
**SECRET**

SERIAL NO. 07/409,512  
Page 7

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~~SECRET~~  
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Furthermore, while Willits discloses a guidance system, it is not believed to establish applicant's claimed fields-of-view or applicant's structure for forming a guidance signal which is dependent upon relative differences between one field-of-view and the other two fields-of-view. Similarly, although Thomas et al discloses line scanning sensors and indicates that its device may be applied to cartesian, circular or polar scan formats, there is no disclosure of a guidance signal formed by differences in the values of between a first field-of-view and respective second and third fields-of-view.

Therefore, it is submitted that claim 1, as well as claims 2 and 3, inasmuch as these claims have been amended, are not anticipated under the provisions of 35 USC 102(b) by either Willits or Thomas et al. Any further rejection of these claims over these references is respectfully traversed.

Having responded to all objections and rejections set forth in the outstanding Official Action, it is submitted that remaining claims 1 through 3 are in condition for allowance and early and favorable notice to that effect is respectfully solicited. Should the Examiner be of the opinion that a brief telephone or personal interview will

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SERIAL NO. 07/409,512  
Page 8

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facilitate allowance of any of the above claims, he is respectfully requested to contact applicant's undersigned representative.

Respectfully submitted,

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Enclosure:  
Proposed Drawing Correction

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